

Micro4Nano

online training event

Program (TEAMS platform)

Day 1, February 7th, 2-4:30 pm (CET)

- 2:00-2:15** **Micro4Nano: an overview**
Prof Cristina Sissa (University of Parma)
- 2:15-3:15** **A brief introduction to linear and nonlinear optics**
Prof Francesca Terenziani (University of Parma)
- 3:15-4:30** **Adventures with two photons and light-activated agents:
from 3D optical data storage and bioimaging to manipulating
cellular biology**
Prof Kevin D. Belfield (New Jersey Institute of Technology)

Day 2, February 8th, 2-4:30 pm (CET)

- 2:00-3:15** **Functional dyes for two-photon excited fluorescence
microscopy - Part A –**
Prof Daniel T. Gryko (Inst. of Organic Chemistry, Polish Acad. of Sciences)
- Functional dyes for two-photon excited fluorescence
microscopy - Part B –**
Dr Yevgen M. Poronik (Inst. of Organic Chemistry, Polish Acad. of Sciences)
- 3:15-4:30** **3D printing of nanocrystals**
Dr Santiago Palma (Universidad Nacional de Córdoba)
- Polyelectrolyte-Drug complexes as a platform for controlled
release**
Dr María Eugenia Olivera (Universidad Nacional de Córdoba)

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Day 3, February 9th, 2-4:30 pm (CET)

- 2:00-3:15** Bioengineering of advanced nanobiomaterials for biomedical applications: from design to animal studies
Prof Hélder A. Santos (University Medical Center Groningen)
- 3:15-4:30** Multifunctional nanovesicles for drug delivery and diagnostics
Dr Mariana Köber (Materials Science Institute of Barcelona)

Day 4, February 10th, 2-5:00 pm (CET)

- 2:00-4:45** Ethics in Science
Dr Jan Paczesny (Inst. of Physical Chemistry, Polish Academy of Sciences)
- 4:45-5:00** Concluding Remarks
Prof Cristina Sissa (University of Parma)
Prof Daniel T. Gryko (Inst. of Organic Chemistry, Polish Acad. of Sciences)

Participation is free, but registration is required at
<https://forms.office.com/r/Nd0dfcpDKn> by February, 5th.

The link will be sent by February, 6th.

A certificate of attendance will be released upon request.

info micro4nano@unipr.it

Scientific Committee: Micro4Nano Supervisory Board and Training Committee
Organizing Committee: Prof Cristina Sissa, Prof Daniel Gryko, Dr Silvia Pescina